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M.I.T. Laboratory for Computer Science

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Computer Systems Research Division

Request for Comments No. 177

SYSTEMS WORKING PAPER LIBRARY

by J. H. Saltzer

In visiting and corresponding with other sites actively working on computer systems projects, one often receives copies of working papers, internal reports, and early drafts of conference papers, together with an invitation to read them and show them to colleagues but not to circulate them widely. This informal publication path is very helpful for keeping up with activities elsewhere. Since each of the faculty has a different set of contacts that produce these papers, and graduate students often see a given working paper only if the nearest faculty member happens to receive it and thinks of routing it, there is some value in creating an informal central file to collect them.

An earlier project of CSR produced a start on this file, known as the "Protection Library", containing some 200-odd miscellaneous items. With this memo, the "Protection Library" is hereby renamed the "Systems Working Paper Library", and the attached accession list continues its tradition. All faculty, staff, and students working in the systems and related areas are invited to submit to me working papers, drafts, and otherwise hard-to-locate or obscure documents for addition. A signout sheet is stored with each item in the file, and as appropriate, accession lists such as the attached will be distributed as an RFC. The file itself, starting with the accessions listed here, is in room 512. Debby Fagin will maintain the file.

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Accessions List for Systems Working Paper Library  
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245. Levin, Roy, and Michael D. Schroeder, "Transport of Electronic Messages Through a Network," Xerox Palo Alto Research Center, California, CSL-79-4, April, 1979.
246. Lauer, Hugh C., et. al, "The Impact of Mesa on System Design," Xerox Palo Alto Research Center, California, ca. summer, 1979. (ACM 7SOSP preprint/draft)
247. Israel, Jay E., et. al, "Separating Data From Function in a Distributed File System," Xerox Palo Alto Research Center, California, ca. summer, 1979. (ACM 7SOSP preprint/draft)
248. Hammer, Michael, and David Shipman, "Reliability Mechanisms for SDD-1: A System for Distributed Databases," Computer Corporation of America and Massachusetts Institute of Technology, July 31, 1979. (Draft/working paper)
249. Wilkes, M.V., and D.J. Wheeler, "The Cambridge Digital Communication Ring," Local Area Communication Network Symposium, Boston, Mass., May, 1979. (Preprint)
250. Leslie, Ian M., "Frequency Stability in a Unidirectional Ring of Phase Locked Loops," Computer Laboratory, University of Cambridge, England, ca. 1979. (Working paper)
251. Shoch, J. and L. Stewart, "Internetwork Experiments with the Bay Area Packet Radio Network," Xerox Palo Alto Research Center, California, SSL-79-4, February, 1979.
252. Swinehart, D., et. al, "WFS: A Simple Centralized File System for a Distributed Environment," Xerox Palo Alto Research Center, California, April 30, 1979. (ACM 7SOSP preprint/draft)
253. Lampson, B.W. and D.D. Redell, "Experience with Processes and Monitors in Mesa," Xerox Palo Alto Research Center, California, April 30, 1979. (ACM 7SOSP preprint/draft)
254. Horsley, T.R., and W.C. Lynch, "Pilot: A Software Engineering Case Study," Xerox Palo Alto Research Center, California, July, 1979. (ACM 7SOSP preprint/draft)



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255. Lampson, Butler W., and Robert F. Sproull, "An Open Operating System for a Single-User Machine," Xerox Palo Alto Research Center, California, ca., 1979. (ACM 7SOSP preprint/draft)
256. Gifford, David K., "Violet, an Experimental Decentralized System," Xerox Palo Alto Research Center, California, April, 1979. (ACM/7SOSP preprint/draft).